

# INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

Complete if Known

Application Number	10/521,373
Intl. Filing Date	July 11, 2003
First Named Inventor	George
Group Art Unit	Unassigned
Examiner Name	Unassigned

## U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
/S.A./	A1	6,448,617	12/03/02	Katz			
↓	A2	6,198,958	03/06/01	Ives et al.			
	A3	5,769,778	06/23/98	Abrams et al			

## FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No

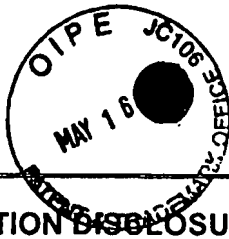
## NON-PATENT DOCUMENTS

Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
/S.A./	A4	Amassian et al. Some positive effects of transcranial magnetic stimulation. <i>Advances in Neurology</i> , 67:79-106. (1995)
	A5	Ben-Shakkar and Dolev, Psychophysiological detection through the guilty knowledge technique: Effects of mental countermeasures. <i>J of Appl. Psychology</i> , 81:273-281 (1996)
	A6	Bohning et al. Mapping transcranial magnetic stimulation (TMS) fields in vivo with MRI. <i>Neuroreport</i> , 8:2535-2538 (1997).
	A7	Bohning, Introduction and Overview of TMS Physics. In M. S. George & Belmaker (eds) Transcranial Magnetic Stimulation In Neuropsychiatry (pp. 13-44). Washington, DC: American Psychiatric Press. (2000).
	A8	Boroojerdi et al. Enhancing analogic reasoning with rTMS over the left prefrontal cortex. <i>Neurology</i> , 56:526-528 (2001)
	A9	Brasil-Neto et al. Topographic mapping of the human motor cortex with magnetic stimulation: factors affecting accuracy and reproducibility. <i>Electroencephalo Clin Neuro</i> , 85:9-16 (1992)
	A10	Brett et al. Predictive Power of the Polygraph: Can the "Lie Detector" Really Detect Liars? <i>Lancet</i> , 8480:544-547 (1986)
	A11	Bush et al. The Counting Stroop : an interference task specialized for functional neuroimaging-- validation study with functional MRI. <i>Human Brain Mapping</i> , 6:270-282 (1998)
	A12	Cohen et al. Effects of coil design on delivery of focal magnetic stimulation. Technical considerations. <i>Electroencephalo Clin Neur.</i> , 75:350-357 (1990)
	A13	Critchley et al. Neural Activity Relating to Generation and Representation of Galvanic Skin Conductance Response: A Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 20:3033-3040 (2000)
	A14	Ekman et al. Invited article: Face, voice, and body in detecting deceit. <i>Journal of Nonverbal Behavior</i> , 15:125-135 (1991)
	A15	Elliot et al. Selective attention to emotional stimuli in a verbal go/no-go task: an fMRI study. <i>Neuroreport</i> , 11:1739-1744 (2000)
↓	A16	Epstein et al. Repetitive transcranial magnetic stimulation does not replicate the Wada test. <i>Neurology</i> , 55:1025-1027 (2000)

Examiner Signature:  
/Salieu Abraham/

Date Considered:  
08/02/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



# INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

Complete if Known

Application Number	10/521,373
Intl. Filing Date	July 11, 2003
First Named Inventor	George
Group Art Unit	Unassigned
Examiner Name	Unassigned

/S.A./	A17	Farwell and Donchin, The Truth Will Out: Interrogative Polygraphy ("Lie Detection") With Brain Evoked Potentials. <i>Psychophysiology</i> , 28:531-547 (1991)
	A18	Fernandez et al. Language mapping in less than 15 minutes: real-time functional MRI during routine clinical investigation. <i>Neuroimage</i> , 14: 585-594 (2001)
	A19	Fowles et al. Publication Recommendations for Electrodermal Measurements. <i>Psychophysiology</i> , 18 : 232-239 (1981)
	A20	Furedy, Lie Detection as Psychophysiological Differentiation: Some Fine Lines. In: Coles MG, DONCHIN E, Porges SW, editors. <i>Psychophysiology Systems, Processes and Applications</i> . New York: The Guilford Press, pp. 683-701(1986)
	A21	George et al. Blunted Left Cingulate Activation in mood Disorder Subjects During a Response Interference Task (The Stroop). <i>J. of Neuropsychiatry and Clin. Neurosciences</i> , 9: 55-63 (1997)
	A22	Honts et al. Effects of physical countermeasures and their electromyographic detection during polygraph tests for deception. <i>Journal of Psychophysiology</i> , 1:21-247 (1987)
	A23	Kozel et al. How Coil-Cortex Distance Relates To age, motor threshold and antidepressant response to repetitive transcranial magnetic stimulation. <i>J Neuropsychiatry Clin Neurosci</i> , 12:376-384 (2000)
	A24	Kozel et al. Brain Regions Involved in Deception; an fMRI study in healthy volunteers. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> 13:147 (2001)
	A25	Lancaster et al. Automated labeling of the human brain: A preliminary report on the development and evaluation of a forward-transform method. <i>Human Brain Mapping</i> , 5:238-242 (1997)
	A26	Lorderbaum et al. Feasibility of using fMRI to study mothers responding to infant cries. <i>Depression and Anxiety</i> , 10:99-104 (1999)
	A27	Lubow and Fein, Pupillary size in response to a visual guilty knowledge test: New technique for the detection of deception. <i>Journal of Experimental Psychology</i> , 2:164-177 (1996)
	A28	Macdonald et al. Dissociating the Role of the Dorsolateral Prefrontal and Anterior Cingulate Cortex in Cognitive Control. <i>Science</i> , 288:1835-1838 (2000)
	A29	Nahas et al, Brain Effects of TMS Delivered Over Prefrontal Cortex in Depressed Adults: Role of Stimulation Frequency and Coil-Cortex Distance. <i>The J. Neuropsychiatry and Clinical Neurosciences</i> , 13:459-470 (2001)
	A30	O'Doherty et al. Abstract reward and punishment representations in the human orbitofrontal cortex. <i>Nature Neuroscience</i> , 4:95-102 (2001)
	A31	Pardo et al. Localization of a human system for sustained attention by positron emission tomography. <i>Nature</i> , 349:61-64 (1991)
	A32	Pavlidis et al. Seeing through the face of deception: Thermal imaging offers a promising hands-off approach to mass security screening. <i>Nature</i> , 415:35 (2002)
	A33	Pridmore et al. Motor threshold in Transcranial Magnetic Stimulation: A comparison of a neurophysiological and a visualization of movement method. <i>The Journal of ECT</i> , 14:25-27 (1998)
	A34	Rauch and Savage. Neuropsychiatry of the Basal Ganglia: Neuroimaging and Neuropsychology of the Striatum. <i>Psychiatric Clinics of North America</i> , 20:741-768 (1997)
	A35	Roth et al. A Theoretical calculation of the electric field induced in the cortex during magnetic stimulation. <i>Electroencephalo Clin Neuro</i> , 81:47-56 (1991)
	A36	Saypol et al. A Theoretical comparison of electric and magnetic stimulation of the brain. <i>Annals of Biomedical Engineering</i> , 19:317-328 (1991)

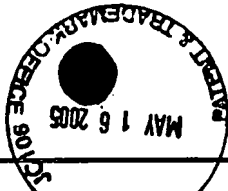
Examiner Signature:

/Salieu Abraham/

Date Considered:

08/02/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE  
STATEMENT LIST**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/521,373

Intl. Filing Date July 11, 2003

First Named Inventor George

Group Art Unit Unassigned

Examiner Name Unassigned

/S.A./	A37	Shastri et al. A low-cost System for Monitoring Skin Conductance During Functional MRI. <i>Journal of Magnetic Resonance Imaging</i> , 14:187-193 (2001)
	A38	Sheehan and Statham, Associations between lying and hypnosis: An empirical analysis. <i>British Journal of Experimental &amp; Clinical Hypnosis</i> , 5:87-94 (1988)
	A39	Sporer, The less traveled road to truth: Verbal cues in deception detection in accounts of fabricated and self-experienced events. <i>Applied Cognitive Psychology</i> , 11:373-397(1997)
	A40	Steinbrook, The polygraph test: A flawed diagnostic method. <i>New England Journal of Medicine</i> , 327: 122-123 (1992)
	A41	Technical Data Sheet For Uaf42ap, "Universal Active Filter," Burr-Brown, Tucson, AZ, (available at <a href="http://www.burr-brown.com">www.burr-brown.com</a> )
	A42	Technical Data Sheet "Precision Instrumentation Amplifier AD624", Analog Devices, Norwood, MA (available at <a href="http://www.analogdevices.com">www.analogdevices.com</a> )
↓	A43	Topper et al. Facilitation of picture naming by focal transcranial magnetic stimulation of Wernicke's area. <i>Exp. Brain Res.</i> , 121:371-378 (1998)

Examiner Signature:

/Salieu Abraham/

Date Considered:

08/02/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.